

XXVII. *New Genera and Species of Gallerucidæ.*

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## Genus SYPHAXIA.

*Corpus* robustum, ovatum, postice paullo ampliatum, valde convexum, sericeo-pubescent. *Caput* modice exsertum, *facie* perpendiculari; *antennis* corporis dimidio æqualibus, robustis, vix fusiformibus, articulis cylindricis, primo a basi ad apicem incrassato, curvato, secundo brevi, tertio quam primo longiori, quarto quam tertio paullo breviori, cæteris ad apicem brevioribus et inter se fere æqualibus. *Thorax* transversus, transversim excavatus. *Elytra* ovalia, confuse punctata. *Pedes* robusti; *coxis* anticis erectis, contiguus; *femoribus* posticis non incrassatis; *tibiis* omnibus apice muticis; *tarsorum* posticorum articulo basali duobus sequentibus conjunctis vix breviori; *unguiculis* muticis, basi incrassatis. *Prosternum* fere obsoletum.

Type, *Syphaxia (Monocesta) spectanda*, Clark.

*Syphaxia* may be known from *Monocesta* by its unarmed unguiculi and its much shorter antennæ; and the body is shorter and more convex, as well as more regularly ovate, than in the majority of the species of *Monocesta*.

Sp. 1. *Syphaxia spectanda*, Clark.*Monocesta spectanda*, Clark, Ann. & Mag. Nat. Hist. 1865, p. 315.

In the Rev. H. Clark's specimens, the antennæ are wanting; in the specimen before me (which also came from Cayenne) the antennæ are nigro-fuscous, with the exception of the bases of the four lower joints, which are flavous.

## Genus CHORINA.

*Corpus* elongatum, parallelum, convexum, sericeo-pubescent. *Caput* exsertum, *facie* perpendiculari; *antennis* modice robustis, corporis longitudine brevioribus, filiformibus, apicem versus vix incrassatis, articulis cylindricis, primo a basi ad apicem incrassato, curvato, secundo brevi, tertio elongato, quatuor sequentibus longitudine perparum decrescentibus.

*Thorax* transversus, lateribus medio angulatis, disco transversim depresso. *Elytra* thorace paullo latiora, parallela, subcylindrica, confuse punctata. *Pedes* subelongati, robusti; *coxis* anticis erectis, contiguis; *femoribus* posticis non incrassatis; *tibiis* omnibus apice muticis; *tarsorum* posticorum articulo basali duobus sequentibus longitudine æquali; *unguiculis* muticis, basi incrassatis. *Prosternum* fere obsoletum.

Type, *Chorina* (*Monocesta*) *cincta*, Clark.

*Chorina* may be distinguished from *Syphaxia* by the longer and rather more slender antennæ and by its parallel body; from *Monocesta* (in which genus the two species have been placed by Mr. Clark) the simple unguiculi at once separate it; the body is also more parallel than in *Monocesta*, approaching in that respect Mr. Clark's very natural genus *Dircema*.

Sp. 1. *Chorina cincta*, Clark.

*Monocesta cincta*, Clark, Ann. & Mag. Nat. Hist. 1865, p. 315.

Sp. 2. *Chorina obliquenotata*, Clark.

*Monocesta obliquenotata*, Clark, *loc. cit.*

GENUS CEROTOMA, Erichson.

Sectio I. *Thorax* profunde sulcatus, sulco plus minusve quadrisinuato; *elytra* valde costata.

1. *Cerotoma DeGandei*.

Nigra, nitida, pedibus flavis (antennæ desunt); epistomate rude sed subremote punctato, medio longitudinaliter carinato, vertice suberebre punctato; thorace punctato, profunde transversim sulcato, sulco quadrisinuato; elytris valde costatis, costis duabus internis fere obsoletis, interspatiis fortiter bifariam punctatis, apicem versus obsolete transversim costulatis, flavo-fulvis, fasciâ latâ subapicali nigrâ. (*Fœm.*)

Long.  $4\frac{1}{2}$  lin.

Hab. Banks of Napo, Ecuador.

2. *Cerotoma heterocera*.

Pallide flava, nitida; antennis infuscatis aut piceis, articulis quatuor vel quinque ultimis albidis; capite thoraceque pallide rufo-piceis, illo vertice rugoso-punctato profunde unifofoolato, hoc suberebre punctato profunde transversim sulcato, sulco quadrisinuato, lateribus flavo-limbatis;

elytris fusco-violaceis aut pallide violaceo-piceis, valde costatis, costis duabus interioribus minus distinctis.

A. Elytrorum limbo laterali maculisque quatuor, duabus prope medium, duabus ante apicem positis, flavis.

B. Elytrorum limbo exteriori, fasciâ prope medium plus minusve distinctâ, maculis duabus subapicalibus, costisque nonnullis flavis.

C. Corpore fulvo, elytris immaculatis.

*Mas.*—Capite inter oculos laminâ bilobatâ armato, lobis ad apicem deorsum curvatis, facie inter laminam et antennarum insertiones modice concavâ, lævi; epistomate bisexcavato, utrinque spinâ subacutâ curvatâ armato; antennarum articulis tertio quartoque incrassatis, compressis, conjunctim emarginatis, tribus basalibus flavis, nigro-maculatis.

*Fœm.*—Capite mutico; epistomate rude rugoso, medio longitudinaliter elevato; antennis simplicibus.

Long. 4 lin.

Hab. Amazons.

In the Rev. H. Clark's collection, some specimens of this species bear the name of "*heterocera*, Illig." I have retained the name, although I cannot find any reference to Illiger's description. As may be seen above, this insect varies greatly in coloration; it is somewhat larger and decidedly more robust than any of the other species described in the present paper.

### 3. *Cerotoma congener*.

Pallide flavo-fusca, nitida, supra pallide picea; vertice rugoso, profunde unifoventato; thorace distincte punctato, profunde transversim sulcato, sulco quadrisinuato; elytris fortiter punctatis, valde costatis, costis duabus interioribus fere obsoletis, interspatiis irregulariter transversim costulatis, limbo exteriori costisque nonnullis flavis.

*Mas.*—Capite inter oculos laminâ bilobatâ instructo, lobis acutis, ad apicem vix deflexis; epistomate medio longitudinaliter carinato, utrinque profunde excavato, ad utrumque latus spinâ curvatâ subacutâ armato; antennarum articulis tertio quartoque incrassatis et compressis, conjunctim emarginatis, quatuor basalibus flavis, primo ad apicem secundo tertioque dorso nigris, quinto ad octavum piceis, tribus sequentibus sordide albidis, ultimo apice nigro.

Long. 3 lin.

Hab. Amazons.

Similar in form to, but smaller than, *C. heterocera*; epistome in the ♂ with the lobes of the facial plate subacute, scarcely deflexed.

#### 4. *Cerotoma excavata*.

Pallide fusca aut picea, nitida; pedibus pallide flavis, femoribus dorso, posticis apice, tibiis extus, posticis totis, tarsisque fuscis; thorace albo-flavo, basi interdum longitudinaliter canaliculato, profunde transversim sulcato, sulco quadrisinuato; capite elytrisque piceis, his valde costatis, interspatiis fortiter punctatis, irregulariter transversim costulatis, basi extremâ, fasciâ latâ prope medium apiceque flavis; abdominis segmentis aut flavis aut flavo-marginatis.

*Mas.*—Capite inter oculos in laminâ bilobatâ producto, lobis obtusis, apice deflexis, facie supra laminam profunde excavatâ; epistomate medio longitudinaliter carinato, utrinque profunde excavato, utroque latere spinâ curvatâ apice subacutâ; antennis pallide flavis, articulis intermediis infuscatis, tertio quartoque incrassatis et compressis, conjunctim excavatis.

*Fœm.*—Epistomate rude rugoso, medio longitudinaliter carinato; antennarum articulis tertio quartoque longitudine æqualibus, sexto quam quinto distincte breviori.

Long. 3—3½ lin.

Hab. Nauta, Upper Amazons.

Narrower than *C. transversofasciata*; similar in pattern, but paler; front and epistome very deeply excavated, the latter only bispinose.

#### 5. *Cerotoma transversofasciata*.

Flavo-alba, nitida; pectore abdomineque nigris, hujus segmentis flavo-marginatis; capite, scutello elytrisque nigropiceis; his valde costatis, interspatiis bifariam punctatis, irregulariter transversim costulatis, fasciâ apicali alterâque prope medium flavo-albis; thorace profunde transversim sulcato, sulco quadriflexuoso; antennarum articulis quatuor ultimis sordide albidis, ultimo apice nigro; tibiis tarsisque plus minusve infuscatis.

*Mas.*—Capite inter oculos laminâ bilobatâ instructo, lobis obtusis, apice deflexis; epistomate quadrispinose; antennarum articulis tribus basalibus flavis nigro-maculatis, tertio quartoque incrassatis et compressis, conjunctim emarginatis.

*Fœm.* — Epistomate rugoso, medio longitudinaliter carinato.

Long. 4 lin.

Hab. S. Paulo, Upper Amazons.

*C. transversofasciata*, although equally long, is much narrower than *C. heterocera*; the male is known by the four spines (instead of two) on the epistome; in addition to the two lateral ones, which are broad and compressed with obtuse apices, there are two others, subacute, placed on the anterior edge of the epistome.

#### 6. *Cerotoma limbifera*.

Flava, nitida; antennis piceis, articulis quatuor ultimis flavo-albidis; capite thoraceque rufo-testaceis; illo vertice unifoveolato, epistomate ruguloso, medio elevato-carinato; hoc plus minusve distincte punctato, profunde transversim sulcato, sulco obsolete quadrisinuato; elytris valde costatis, interspatiis bifariam punctatis, irregulariter transversim costulatis, violaceo-piceis, rufo-testaceo-limbatis. (*Fœm.*)

Long. 3—3½ lin.

Hab. Amazons.

Narrower in form than *C. transversofasciata*, smaller and differently coloured; third and three following joints of the antennæ equal in length.

#### 7. *Cerotoma Amazona*.

Sordide flava, nitida, pedibus fulvis; capite thoraceque pallide piceis; illo vertice minus profunde unifoveolato, epistomate tumido, lævi, basi obsolete carinato, antennarum articulis quinque ultimis albidis, ultimo apice nigro; hoc lævi, profunde transversim sulcato, sulco distincte quadrisinuato; elytris valde costatis, costis duabus interioribus minus elevatis, interspatiis fortiter punctatis, transversim costulatis, pallide violaceo-piceis, limbo marginali, fasciâ transversâ prope medium positâ extus abbreviatâ, maculâque rotundatâ subapicali flavis. (*Fœm.*)

Long. 3 lin.

Hab. Nauta, Upper Amazons.

Rather narrower than *C. heterocera*, smaller, and separated from that species by the smooth epistome.

#### 8. *Cerotoma contubernalis*.

Flava, nitida; antennarum articulo ultimo apice nigro; capite pallide piceo, vertice profunde unifoveolato, subrugoso; epi-

stomate rude rugoso, medio longitudinaliter carinato; thorace subcrebre punctato, profunde transversim sulcato, sulco quadrisinuato; elytris fortiter punctatis, valde costatis, costis duabus internis fere obsoletis, interspatiis minus distincte transversim costulatis, violaceo-piceis, limbo exteriori fasciâque prope medium extus abbreviatâ, flavis. (*Fœm.*)

Long. 3 lin.

Hab. Amazons.

Broader and rather more convex above than *C. pulchra*; the fifth joint of the antennæ very slightly shorter than the fourth.

#### 9. *Cerotoma pulchra*.

Flava, nitida; antennarum articulis intermediis piceis, ultimo apice nigro; capite thoraceque rufo-testaceis; illo vertice profunde foveolato, sparse punctato, epistomate medio longitudinaliter carinato, rude sed minus crebre punctato; hoc ad latera flavo-marginato, distincte punctato, profunde transversim sulcato, sulco quadrisinuato; elytris piceo-violaceis, valde costatis, interspatiis bifariam punctatis, irregulariter transversim costulatis, limbo exteriori, fasciâ latâ prope medium, maculâque transversâ subapicali limbo apicali affixâ, flavis. (*Fœm.*)

Var. A. Elytris pallide flavis, fasciâ basali plagâque subapicali pallide rufo-piceis.

Long.  $3\frac{1}{2}$  lin.

Hab. Amazons.

The coarsely punctured epistome will at once separate this species from *C. Amazona*.

#### 10. *Cerotoma perplexa*.

Sordide flava, nitida, tibiis ad apicem tarsisque obscurioribus, supra piceo-violacea; antennis crassiusculis, nigris, articulis quatuor basalibus subtus fulvis, quatuor ultimis albidis, secundo brevissimo, tertio et tribus sequentibus longitudine æqualibus; epistomate rugoso, medio longitudinaliter carinato; vertice subremote punctato, minus profunde univoelato; thorace subremote punctato, profunde transversim sulcato, sulco distincte quadrisinuato; elytris fortiter punctatis, valde costatis, costâ primâ minus distinctâ, interspatiis irregulariter transversim costulatis.

Long.  $3\frac{1}{2}$  lin.

Hab. Amazons.

Antennæ rather thicker than in either of the two preceding species; the third and three following joints equal in length.

11. *Cerotoma alternata*.

Flava, nitida; ore, vertice, pectore scutelloque piceis; antennis nigro-piceis, articulis octavo apice tribusque ultimis albidis, ultimo apice nigro, tertio quam quarto distincte longiori; vertice minus profunde unifoveolato; epistomate inequaliter ruguloso, medio longitudinaliter carinato; thorace lævi, profunde transversim sulcato, sulco sat distincte quadrisinuato; elytris minus profunde punctatis, costatis, costis alternis minus distinctis, interspatiis planis, pallide violaceo-piceis, plagâ apicali costisque alternis flavis. (*Fæm.*)

Long.  $3\frac{1}{2}$  lin.

Hab. Amazons.

Smaller than, but similar in form to, *C. heterocera*; the third, fourth and fifth joints of the antennæ gradually decreasing in length.

Sectio II. *Thorax impressus vel sulcatus, sulco nunquam quadrisinuato; elytrorum costæ vel obsoletæ vel indistinctæ.*

12. *Cerotoma Deyrollei*.

Nigra; capite, thorace, scutello, abdomineque castaneis; pedibus flavo-fulvis; antennis, elytrorumque limbo inflexo et fasciis tribus (harum primâ basali, punctum humerale nigrum includente, secundâ prope medium, tertiâ apicali) flavis; epistomate subremote punctato, basi longitudinaliter carinato; thorace tenuiter subcrebre punctato, disco profunde transversim bifoveolato. (*Fæm.*)

Long.  $2\frac{3}{4}$  lin.

Hab. Magdalena River, Columbia.

13. *Cerotoma quadripustulata*.

Nigra, nitida; capite, thorace scutelloque castaneis; thorace tenuiter punctato, arcuatim transversim sulcato, sulco utrinque profundius impresso; pedibus antennisque flavis, his extrorsum fuscis; elytris tenuiter punctatis, utrisque fasciâ ante medium antice emarginatâ utrinque abbreviatâ, maculâque subrotundatâ infra medium, flavis.

*Mas.*—Facie infra antennarum insertionem profunde excavatâ; antennis simplicibus.

*Fœm.*—Facie non excavatâ ; epistomate convexo, remote punctato, basi obsolete carinato.

Long.  $2\frac{3}{4}$  lin.

Hab. Guatemala, Mexico.

#### 14. *Cerotoma Erichsoni.*

Nigra, nitida ; pedibus, capite thoraceque flavis, vertice pallide castaneo ; thorace vix transverso, tenuissime punctato, disco obsolete transversim impresso, vittâ latâ mediâ, basi et apice abbreviatâ, medio fulvo-lineatâ, nigro-piceo ; elytris subfortiter punctatis, utrisque limbo inflexo, plagâ humerali, fasciâ transversâ centrali, margine apicali, vittâque obliquâ subapicali, flavis.

*Mas.*—Epistomate pube concolori dense vestito, basi transversim elevato ; antennarum articulo tertio elongato, compresso, a basi apicem versus dilatato, apice extus profunde emarginato, quarto modice elongato, apice in spinâ acutâ prolongato.

Long.  $2\frac{2}{3}$  lin.

Hab. Nauta, Upper Amazons ; Peru.

#### 15. *Cerotoma Salvini.*

Nigra, nitida ; capite (ore excepto) thoraceque pallide castaneis ; hoc transverso, lateribus obtuse angulato, dorso subremote punctato, utrinque leviter impresso ; pedibus antennisque flavis ; elytris minute squamoso-reticulatis, subfortiter punctatis, utrisque limbo laterali, plagâ oblongâ subbasali, fasciisque duabus (unâ mediâ, alterâ subapicali flexuosâ) flavis.

Var. A. Elytrorum signaturis fere obsolete.

*Mas.*—Capite inter oculos laminâ bilobatâ armato ; facie infra laminam transversim concavâ, utrinque ad latus cretâ transversâ elevatâ instructâ, margine apicali spinis duabus curvatis armatâ ; antennarum articulo tertio elongato, compresso, a basi apicem versus incrassato, apice profunde emarginato et spinâ acutâ armato, quarto brevi, vix dilatato, apice spinâ acutâ transversâ armato.

*Fœm.*—Capite mutico ; epistomate nigro-piceo, rugoso, basi tumido.

Long.  $2\frac{2}{3}$  lin.

Hab. Panama. Collected by Mr. Salvin.